PCT REQUEST

0	For receiving Office use only		
0-1	International Application No.		
0-2	International Filing Date		
0-3	Name of receiving Office and "PCT International Application"		
0-4	Form PCT/RO/101 PCT Request		
0-4-1	Prepared Using	PCT-SAFE [EASY mode] Version 3.50 (Build 0002.175)	
0-5	Petition	(-1111)	
	The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty		
0-6	Receiving Office (specified by the applicant)	Japan Patent Office (RO/JP)	
0-7	Applicant's or agent's file reference	F-537	
i	Title of Invention	HUB DYNAMO	
11	Applicant		
II-1	This person is	applicant only	
11-2	Applicant for	all designated States except US	
11-4	Name	MITSUBA CORPORATION	
11-5	Address	2681, Hirosawacho 1-chome, Kiryu-shi, Gunma 3768555 Japan	
I I- 6	State of nationality	JP	
11-7	State of residence	JP	
II-8	Telephone No.	0277-52-0205	
11-9	Facsimile No.	0277-52-0135	
11-9	racsimile No.	10277-52-0135	

PCT REQUEST

III-1	Applicant and/or inventor		
III-1 - 1	This person is	applicant and inventor	
III-1-2	Applicant for	US only	
III-1 - 4	Name (LAST, First)	ITOI, Kenji	
III-1-5	Address	C/O MITSUBA CORPORATION, 2681, Hirosawacho 1-chome, Kiryu-shi, Gunma 3768555 Japan	
III-1-6	State of nationality	JР	
III-1-7	State of residence	JР	
	Applicant and/on income	UP	
III-2 III-2-1	Applicant and/or inventor		
	This person is	applicant and inventor	
111-2-2	Applicant for	US only	
111-2-4	Name (LAST, First)	MINAMI, Hideyuki	
III-2-5	Address	C/O MITSUBA CORPORATION, 2681, Hirosawacho 1-chome, Kiryu-shi, Gunma 3768555 Japan	
II I-2- 6	State of nationality	JP	
III-2-7	State of residence	JP	
III-3	Applicant and/or inventor		
III-3-1	This person is	applicant and inventor	
111-3-2	Applicant for	US only	
III-3 - 4	Name (LAST, First)	SHIRASUNA, Kouichi	
III-3-5	Address	C/O MITSUBA CORPORATION, 2681,	
		Hirosawacho 1-chome, Kiryu-shi, Gunma 3768555 Japan	
III-3-6	State of nationality	JP	
III-3-7	State of residence	JР	
111-4	Applicant and/or inventor	UP .	
III-4-1	This person is	applicant and inventor	
111-4-2	Applicant for	US only	
111-4-4	Name (LAST, First)	YODA, Takeshi	
	Address	C/O MITSUBA CORPORATION, 2681,	
111-4-5		IC/O MITSUBA CORPORATION, 2681.	
III-4-5	Address	Hirosawacho 1-chome, Kiryu-shi, Gunma 3768555 Japan	
III-4-5 III-4-6	State of nationality	Hirosawacho 1-chome, Kiryu-shi, Gunma 3768555	

PCT REQUEST

III-5	Applicant and/or inventor		
111-5-1	This person is	applicant and inventor	
III-5-2	Applicant for	US only	
III-5 - 4	Name (LAST, First)	TAKAKUSAKI, Ryuichi	
111-5-5	Address	C/O MITSUBA CORPORATION, 2681,	
		Hirosawacho 1-chome, Kiryu-shi, Gunma 3768555	
		Japan	
III-5 - 6	State of nationality	JP	
III-5-7	State of residence	JP	
IV-1	Agent or common representative; or		
	address for correspondence		
	The person identified below is hereby/ has been appointed to act on behalf of	agent	
	the applicant(s) before the competent International Authorities as:		
IV-1-1	Name (LAST, First)	HIROSE, Tetsuo	
IV-1-2	Address	Nakanishi Bldg. 5th Floor, 2-5-6, Nishikanda, Chiyoda-ku, Tokyo 1010065 Japan	
IV-1-3	Telephone No.	03-3239-3511	
IV-1-4	Facsimile No.	03-3239-3510	
IV-1-5	e-mail		
IV-1-6	Agent's registration No.	hirose@hirosepat.jp 100085394	
v	DESIGNATIONS	100003374	
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.		
VI-1	Priority claim of earlier national application		
VI-1-1	Filing date	25 July 2003 (25.07.2003)	
VI-1-2	Number	2003-280057	
VI-1-3	Country	JP	
VI-2	Priority document request		
	The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1	
VII-1	International Searching Authority Chosen	Japan Patent Office (ISA/JP)	

4/5

VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the	- Nation of decidiations	
	inventor		
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application		
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	
IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	-6	✓
IX-2	Description	16	-
IX-3	Claims	2	
IX-4	Abstract	1	✓
IX-5	Drawings	9	-
IX-7	TOTAL	.34	
	Accompanying Items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	✓	-
IX-17	PCT-SAFE physical media	-	✓
IX-19	Figure of the drawings which should accompany the abstract	3	
IX-20	Language of filing of the international application	Japanese	
X-1	Signature of applicant, agent or common representative		
X-1-1	Name (LAST, First)		
X-1-2	Name of signatory		
X-1-3	Capacity		

Paper Copy (NOT for submission)

FOR RECEIVING OFFICE USE ONLY

10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/JP
10-6	Transmittal of search copy delayed until search fee is paid	

FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by	
	the International Bureau	